| • | Index of Claims  |          |          |          |          |        |           |              |           |            |              |           |          | Application No. |                        |              |             |              |               |  |          |          | Applicant(s) |           |                 |           |           |         |          |    |  |
|---|------------------|----------|----------|----------|----------|--------|-----------|--------------|-----------|------------|--------------|-----------|----------|-----------------|------------------------|--------------|-------------|--------------|---------------|--|----------|----------|--------------|-----------|-----------------|-----------|-----------|---------|----------|----|--|
|   |                  |          |          |          |          |        |           |              |           |            |              |           |          | ١               | 10/754,564<br>Examiner |              |             |              |               |  |          |          |              |           | OLOFSSON ET AL. |           |           |         |          |    |  |
|   |                  |          |          |          |          |        |           |              |           |            |              |           |          |                 |                        |              |             |              |               |  |          |          |              |           | Art Unit        |           |           |         |          |    |  |
|   |                  |          |          |          |          |        |           |              |           |            |              |           |          | ١               | Puon M Clandro         |              |             |              |               |  |          |          |              | 3679      |                 |           |           |         |          |    |  |
|   | '                |          |          |          |          |        |           |              |           |            |              |           |          |                 | Ryan M Flandro         |              |             |              |               |  |          |          |              | 30        | 79              |           |           |         |          |    |  |
|   |                  |          |          | _        |          |        |           | Γ            | Т         | (T         | brou         | gh n      | um       | era             | 11                     | ٦            | Γ           | Τ            |               |  |          | Π.       | П            |           |                 |           |           | 7       |          |    |  |
|   | √ Rejected – (In |          |          |          |          |        |           |              |           |            | C            | nce       | "        |                 | N                      | ı            | Non-Elected |              |               | ·  | A        | Appeal   |              |           |                 |           |           |         |          |    |  |
|   |                  |          |          |          |          |        |           | David Sala A |           |            |              | $\neg$    |          |                 | T                      | Interference |             |              |               |  |          |          |              |           | ┪.              |           |           |         |          |    |  |
|   | = Allowed +      |          |          |          |          |        |           |              | Re        | Restricted |              |           |          |                 | '                      | ۱            | Intei       | tere         | ence          | <b>'</b>   | 0        | Objected |              |           |                 |           |           |         |          |    |  |
|   |                  |          |          |          |          | Date   |           |              |           | жи         | Člaim        |           |          |                 |                        |              | _           | _            |               |  | 21       |          | _            |           |                 |           |           |         |          |    |  |
|   | Claim            |          |          | . [      | <b>M</b> | Date   | )ate      |              |           |            |              | Claim     |          |                 |                        | Date         |             | <del> </del> |               | — <u>[]</u>  | 4        | Claim    |              | $\neg$    | Date            |           |           | $\neg$  | $\dashv$ |    |  |
|   | Final            | Original | §        | 2012     |          | H      |           |              |           |            | Final        | Original  | 11       |                 |                        |              | l           |              | $\  \cdot \ $ | 42 4 22 20 10 10 10 10 10 10 10 10 10 10 10 10 10  | Final    | Original |              |           |                 |           |           |         | П        |    |  |
| • | T.               | Š        | 5/1      | *        | *        |        |           |              |           |            | Œ            | ŏ         |          |                 | 1                      |              | l           |              | 11            |  | ü        | ő        |              |           | 1               |           | ١         |         | П        |    |  |
|   |                  | 3        | Н        | اوي      | 22)      |        | +         | +            | $\dagger$ | iii.       |              | 51        | Н        | 1               | +                      | 1            | t           | t            | +             |  |          | 101      | +1           | +         | +               | H         | $\dashv$  | +       | Н        |    |  |
|   |                  | -        | $\Box$   | 4        | $\perp$  |        | -         | Ŧ            | L         |            |              | 52<br>53  | П        | $\neg$          | 7                      | Ŧ            | Į           | Ŧ            | $\Box$        |  | T.       | 102      |              | $\Box$    |                 | П         | $\Box$    | 1       | П        |    |  |
|   |                  | ╠        | Н        | ╁        | +        | ╁┼     | $\dashv$  | +            | +         |            | ┝─           | 54        | Н        | $\dashv$        | +                      | ╁            | ╁           | ╁            | ┿             | - 5  | <u>-</u> | 103      |              | +         | ╁               | Н         | $\dashv$  |         | Н        |    |  |
|   |                  |          |          |          |          |        | 1         | 1            | I         |            |              | 55        |          | $\exists$       | #                      | #            | 1           | 1            | $\Box$        |  |          | 105      |              |           |                 |           | $\Box$    |         | I        |    |  |
|   | _                | 1        | ╁┤       | -        | +        |        | - -       | ╁            | +         |            | <u> </u>     | 58<br>57  | Н        | $\dashv$        | ╬                      | ╁            | ╁           | +            | ╂╢            | -  | <u>-</u> | 106      |              | +         | +-              | ⊦┤        | $\dashv$  | +-      | Н        |    |  |
|   |                  | 1        |          |          | 1        |        | 士         |              | T         | #          |              | 58        |          |                 |                        | 土            | İ           | 1            |               |  |          | 108      |              | $\perp$   | 上               |           |           | 土       | Н        |    |  |
|   | -                | 6        | Н        | $\dashv$ | +        | -      |           | ╀            | ╀         |            |              | 59<br>60  | $\sqcup$ | 4               | +                      | +            | ╀           | +            | +-1           | 1  | - E      | 109      |              | +         | -               |           | Н         | 4       | П        |    |  |
|   |                  | 41       |          | <u> </u> | 1        |        |           | $\pm$        |           |            |              | 61        | H        | -               | $^{+}$                 | +            | t           | $\dagger$    | H             |  | _        | 111      |              | +         | +-              | $\vdash$  | $\forall$ | +       | Н        |    |  |
|   |                  | 112      | Ц        |          | 4        | 4-4    |           | 1            | Ė         | 整然         |              | 62        | П        | $\dashv$        | Ţ                      | Ţ            | T           | Ţ            | П             |  |          | 112      |              |           | $\perp$         |           |           | 1       | П        |    |  |
|   | -                | 13       | 7        | V.       | ォ        | ╁      | +         | ╁            | ╁         |            |              | 63<br>64  | Н        | +               | +                      | ╁            | +           | +            | +-            | ≝  |          | 113      |              | +         | ╁               | Н         | $\dashv$  | -∤~     | -        |    |  |
|   |                  | 15       | 4        | Y        | 7        | $\Box$ | 1         | Ţ            | T         |            |              | 65        |          |                 | 1                      | 1            | 1           | 1            |               |  |          | 115      |              |           |                 | П         |           |         |          |    |  |
|   | -                | 17       | 1        | V        | +        | +      | +         | +-           | ╀         | Ç.         | <u> </u>     | 66<br>67  | $\vdash$ | ┽               | +                      | ╁            | ╀           | ╁            | +             | Wear S. Peritable Control of Cont | <u> </u> | 116      |              | +         | +               | Н         | Н         | -       | Н        |    |  |
|   |                  | 18       |          |          | 1        | 口      | $\dashv$  | 1            | $\perp$   |            |              | 68        |          | $\exists$       | #                      | 1            | ļ           | 1            | $\Box$        |  |          | 118      |              |           |                 | 口         |           |         |          |    |  |
|   | -                | 19<br>20 | $\vdash$ | H        | +        | +      | +         | +            | +         | 101        | _            | 69<br>70  | $\vdash$ | $\dashv$        | +                      | ╀            | ╀           | +            | +             |  | <u></u>  | 119      |              | $\vdash$  | ┿               | Н         | $\vdash$  | 4       | Н        |    |  |
|   |                  | 21       |          |          |          | 口      | 士         |              |           | 4          |              | 71        |          | ゴ               |                        | 土            | 土           | 1            |               |  |          | 121      |              | $\perp$   | 土               |           |           |         |          |    |  |
|   | -                | 22<br>23 | $\vdash$ |          | ₽        | +      | +         | +            | +         |            |              | 72<br>73  | Н        | $\dashv$        | +                      | 4            | +           | +            | 44            |  |          | 123      | : -          | 1         | -               | Н         | $\sqcup$  | - -     | L        |    |  |
|   |                  | 24       | $\Box$   |          |          |        | $\exists$ | İ            |           |            |              | 74        |          | 1               | $\pm$                  | 1            | $\perp$     | $\dagger$    |               |  |          | 124      | $\top$       |           | 土               | Н         | H         | +       | H        |    |  |
|   | _                | 25<br>26 | $\vdash$ | Н        | +        | +      | 4         | $\bot$       | Ļ         |            |              | 75<br>76  | Н        | $\dashv$        | $\dashv$               | 4            | 1           | 1            | $\Box$        |  |          | 125      |              | $\Box$    | $\bot$          | П         | П         |         |          |    |  |
|   |                  | 27       |          |          | $\top$   |        | +         | t            | $\dagger$ |            |              | 77        | Н        | 1               | +                      | +            | +           | $\dagger$    | +1            | - 1  | -        | 126      |              | +         | ┿               | Н         | Н         | +       | H        |    |  |
|   |                  | 28<br>29 | $\Box$   | $\Box$   |          | $\Box$ | $\Box$    | Ŧ            | Ţ         |            |              | 78        | П        | $\Box$          | 1                      | T            | Ţ           | Ţ            | $\Box$        |  | E        | 128      |              | $\Box$    | I               |           |           | 工       |          | ٠. |  |
|   | -                | 30       | Н        | H        | +        | +      | +         | ╁            | ╁         | E.         | -            | 79<br>80  | Н        | +               | +                      | ╁            | ╁           | +            | +             |  |          | 129      | _            | -         | +               | Н         | H         | +       | ╀        |    |  |
| • |                  | 31       | $\Box$   | $\Box$   | 7        | $\Box$ | #         | 1            |           |            |              | 81        |          | $\exists$       |                        | 丰            | 1           | #            | $\Box$        |  |          | 131      |              |           | 工               |           |           | 工       |          |    |  |
|   | -                | 32       | ╁        | -        | +        | +      | +         | ╁            | ╁         |            |              | 82        | Н        | $\dashv$        | +                      | ╁            | ╀           | +            | ┯             |  | <b>1</b> | 133      |              | +         | +-              | Н         | Н         | - -     | $\vdash$ |    |  |
|   |                  | 34       |          |          | 工        | 口      | 寸         | 1            |           |            |              | 84        |          | ゴ               |                        | 1            | İ           | İ            |               |  |          | 134      |              |           | 土               |           |           | 土       | $\Box$   | }  |  |
|   | -                | 35<br>36 | ╀        |          | -        | ╂╾╂    |           | +            | +         |            |              | 85<br>86  | Н        | -               | +                      | +            | +           | +            | -             |  | <b>#</b> | 135      |              | $\dashv$  | +-              | Н         | П         | 7       | $\vdash$ |    |  |
|   |                  | 37       |          | $\Box$   | 士        | $\Box$ | $\pm$     | $\pm$        | 1         |            |              | 87        | Н        | $\dashv$        | +                      | +            | $\dagger$   | +            | 1             |  |          | 137      |              | +         | +               | Н         | Н         | +       | $\vdash$ |    |  |
|   | _                | 38       | $\perp$  | П        | 4        | $\Box$ | $\Box$    | $\bot$       | I         |            |              | 88        |          | $\dashv$        | $\Box$                 | T            | Τ           | Ţ            |               | T E  | 江        | 138      |              | $\Box$    | I               |           |           |         |          |    |  |
|   |                  | 40       | +        | H        | +        | ╁┤     | +         | +            | +         | #          | <del> </del> | 89<br>90  | Н        | $\dashv$        | +                      | ╁            | ╀           | +            | ╁┤            | - <u> </u>   | 4-       | 139      |              | $\vdash$  | +               | Н         | Н         | +       | $\vdash$ | -  |  |
|   |                  | 41       |          |          | 工        | $\Box$ | 1         | 1            | Ţ         |            |              | 91        | П        | $\exists$       | 1                      | T            | 1           | 1            |               |  |          | 141      |              |           | 工               |           |           | 上       |          |    |  |
|   | $\vdash$         | 42       | H        | H        | - -      | -      | -         | - -          | +         | 崖          |              | 92<br>93  | H        | +               | +                      | +            | +           | +            | +1            | -  |          | 143      |              | +         | +               | H         | H         | +       | H        |    |  |
|   |                  | 44       | I        |          | 1        | $\Box$ | 丰         | 1            | T         |            |              | 94        | 口        | コ               | 士                      | 1            | 1           | #            | 廿             |  | 上        | 144      |              |           | 士               |           | Ħ         | 士       |          |    |  |
|   | -                | 45<br>46 | $\vdash$ | Η.       | +        | ╁┼     | +         | +            | +         |            | _            | 95<br>96  | Н        | $\dashv$        | -                      | +            | +           | +            | +             | -  | -        | 145      |              |           | +-              | $\square$ | $\sqcup$  | $\perp$ | F        |    |  |
|   |                  | 47       | $\Box$   |          | 士        | 廿      | 1         | 1            | T         |            |              | 97        | $\Box$   | _               | 1                      | 1            | 1           | 1            | $\pm 1$       | 1  |          | 147      |              | $\exists$ | +               | Н         | H         | +       |          |    |  |
|   | -                | 48       | $\vdash$ | H        | +        | +1     | +         | +            | +         | 5          | -            | 98<br>·99 | П        | $\dashv$        | Ŧ                      | F            | F           | Ŧ            | Д             | 1  |          | 149      |              | 7         | T               | П         | 口         | 7       | F        |    |  |
|   |                  | 50       |          |          | 1        | 廿      | 士         | 士            | $\perp$   | T.         |              | 100       |          | $\exists$       |                        | -            | +           | +            |               | T I  |          | 150      |              |           | 1               | Н         |           | +       | -        |    |  |
|   |                  |          |          |          |          |        | -         |              |           |            |              |           |          | _               |                        |              | _           | _            |               |  |          |          |              | _         | -               | _         | _         |         | •        |    |  |